Appl. No. 10/560,655

Election and Reply to Restriction

to Office Action dated December 4, 2007

Atty. Docket No: 66146-50664

Amendments to the claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of claims:

- 1. (Currently amended) A synthetic, non-cytopathic negative-strand RNA virus replicon comprising
- a) a nucleotide sequence of said RNA virus, wherein the sequence of <u>all glycoprotein gene</u> units are one or more structural genes is inactivated or deleted; and
- b) a nucleotide sequence encoding a selectable marker suitable for selection, wherein said sequence encoding a selectable marker is under the control of the RNA virus replication machinery and wherein the replicon can be used to biologically select cells containing stable, replicating, non-cytotoxic replicons.
- 2. (Original) The replicon of claim 1, wherein said sequence encoding a selectable marker is a gene that confers resistance to an antibiotic.
- 3. (Original) The replicon of claim 2 wherein said gene is a *bsd* gene.
- 4. (Original) The replicon of claim 1, further comprising a sequence encoding a heterologous protein.
- 5. (Original) The replicon of claim 1 further comprising a reporter gene.
- 6. (Original) The replicon of claim 5, wherein said reporter gene is a gene encoding green fluorescent protein (GFP).
- 7. (Original) The replicon of claim 1 wherein said RNA virus is respiratory syncytial virus (RSV).

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8. (Original) The replicon of claim 7, wherein the sequence encoding the F, G and SH glycoproteins

is deleted.

9. (Original) The replicon of claim 8 wherein said sequence encoding a selectable marker is a

gene that confers resistance to an antibiotic.

10. (Original) The replicon of claim 9, wherein said gene is a bsd gene.

11. (Original) The replicon of claim 10, further comprising a reporter gene.

12. (Original) The replicon of claim 11 wherein said reporter gene is a gene encoding GFP.

13. (Original) A cell line comprising the replicon of claim 1.

14. (Original) The replicon of claim 12, wherein said replicon is harbored in a cell line selected

from the group consisting of BHK-RR-B51E (ATCC deposit number PTA-5257) and HeLa-RR-

B51S (ATCC deposit number PTA-5258).

15. (Original) The replicon of claim 12, further comprising a sequence encoding a heterologous

protein.

16. (Currently amended) A plasmid encoding a cDNA of a non-cytopathic negative-strand RNA

virus replicon comprising

a) a nucleotide sequence complementary to the genome of a non-cytopathic negative-

strand RNA virus said RNA virus, wherein the sequence encoding all glycoprotein gene

units are one or more structural genes is inactivated or deleted;

b) a nucleotide sequence comprising a heterologous promoter sequence

operatively linked to said sequence of a); and

c) a nucleotide sequence comprising a gene encoding a selectable marker suitable for

selection, wherein said gene is under the control of the RNA virus replication machinery and

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wherein the replicon can be used to biologically select cells containing stable, replicating, non-cytotoxic replicons.

17. (Currently Amended) The <u>plasmid</u> eDNA of claim 16, wherein said heterologous

promoter sequence is selected from the group consisting of T7 polymerase promoter,

cytomegalovirus immediate early promoter, SV40 early promoter and polymerase I promoter.

18. (Currently Amended) The plasmid eDNA of claim 16 wherein said promoter is a T7

polymerase promoter.

19. (Currently Amended) A replicon encoded by the plasmid eDNA of claim 16.

20.-32. (Canceled)

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